

REVERSING TRANSFER DRIVE FOR SICKLE CUTTING  
KNIVES ON A HEADER OF AN AGRICULTURAL COMBINE

Abstract Of The Disclosure

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10 A drive for transferring sideward motion from  
a first or driving elongate sickle knife to a second or  
driven elongate sickle knife longitudinally aligned with  
the first sickle knife. A double rack and pinion  
arrangement is used including at least one pinion  
mounted at a fixed location, a first sidewardly  
extending rack is connected to the first sickle knife  
for sideward movement therewith and a second sidewardly  
extending rack is connected to the second sickle knife  
15 for sideward movement therewith, the racks both being  
enmeshed with the pinion such that sideward movement of  
the driving knife causes corresponding opposite sideward  
movement of the longitudinally aligned driven knife.